

REMARKS

Status of Application

Claims 1-12 were pending in this application. In the Office Action mailed May 11, 2009, claims 1-12 were rejected.

By this amendment, claims 13-19 are pending as new. Claims 1-12 are cancelled. No new matter is introduced by these amendments, which are fully supported by the specification.

Applicant requests reconsideration and allowance of claims 1-12.

Applicant reserves the right to prosecute any withdrawn, cancelled, or non-elected claims and/or subject matter in separate applications.

Objections to Specifications

The abstract and title were objected to. Applicants have amended the abstract and title. Thus, these objections can be withdrawn.

Objections to Drawing

The drawing was objected to because it did not refer to a breathing sensor that was mentioned in the description, as well as needing certain labels. The drawing and specification have been amended herein, therefore this objection can be withdrawn.

Objections to Claims

Claims 1-9 and 12 were objected to for various terms. Claims 1-9 and 12 have been cancelled. Thus, these objections can be withdrawn.

35 U.S.C. § 102 Rejections

Claims 1-6 and 8-11 were rejected as anticipated by Prause et al. (US 6,148,095). Claims 1-12 have been cancelled, and new claims 13-19 are not anticipated by Prause et al. Prause et al. do not disclose “using selection criteria to select three or more ultrasound images from the sequence of stored ultrasound images, wherein the selection criteria correspond nearly to the current location and current values of the cyclic heartbeat and the cyclic breathing; using weighted selection criteria so that the selected ultrasound images are a

compromise between the current location, the current value of the cyclic heartbeat, and the current value of the cyclic breathing; and displaying the selected ultrasound images concurrently with an x-ray image of the vessel, the display showing the geometric position of the ultrasound images with reference to the x-ray image by means of an arrow or cross, and connecting the ultrasound images in the display with connecting lines, wherein the display shows the vessel cross section at the location of the object of interest,” as claimed by Applicants.

Thus, these rejections can be withdrawn.

35 U.S.C. § 103 Rejections

Claim 7 was rejected as being unpatentable over Prause et al. Further, claim 12 was rejected as being unpatentable over Prause et al. in view of Aldefeld et al. (US 6,813,512).

Applicants respectfully submit that claims 7 and 12 have been cancelled, and new claims 13-19 are patentable over the cited references for at least the reason that neither Prause et al. nor Aldefeld et al., alone or in combination, disclose or suggest all the features of Applicants’ invention. Neither Prause et al. nor Aldefeld et al. disclose or suggest “using selection criteria to select three or more ultrasound images from the sequence of stored ultrasound images, wherein the selection criteria correspond nearly to the current location and current values of the cyclic heartbeat and the cyclic breathing; using weighted selection criteria so that the selected ultrasound images are a compromise between the current location, the current value of the cyclic heartbeat, and the current value of the cyclic breathing; and displaying the selected ultrasound images concurrently with an x-ray image of the vessel, the display showing the geometric position of the ultrasound images with reference to the x-ray image by means of an arrow or cross, and connecting the ultrasound images in the display with connecting lines, wherein the display shows the vessel cross section at the location of the object of interest,” as claimed by Applicants.

Thus, these rejections can be withdrawn.

In conclusion, claims 13-19 are patentable over the cited references, either alone or in combination.

CONCLUSION

Applicants respectfully submit that claims 13-19 distinguish patentably from the references of record and are in condition for allowance. Applicants request consideration and allowance of claims 13-19.

Should any questions remain, Examiner is invited to telephone Applicant's representative at the number provided.

Respectfully submitted,

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